# Apollo GX55 Quick Reference Guide

## Navigation (NAV)

Press NAV

Turn LARGE Knob

- ETE, CDI, BRG, & RGE ♦
- Altitude Assist ♦
- Parallel Track (PTK)
- GPS Position
- Countdown Timer
- Arc Assist
- From/To/Next (Dist)
- From/To/Next (ETE)
- From/To/Next (ETA)
- From/To/Next (Wpt)
- Tuned Station *

* when configured

## Nearest Waypoint (NRST)

Press NRST

Turn LARGE Knob

- Airport (ARPT)
- VOR
- NDB
- INT
- LocDME
- User WPT
- Search Around WPT
- Runway Limits
- SUA

## Waypoint Information (INFO)

Press INFO

Turn SMALL Knob

- Ident, Type, & City/Facility Name
- Bearing & Dist
- Frequencies
- Type & Elevation
- Fuel
- Map
- Runways
- Lat/Lon
- Sunrise/Sunset
- WPT Comment

## Moving Map (MAP)

Press MAP

Turn LARGE Knob

- Map plus Nav
- Map Only
- SAR Map*
- Map Setup

Turn SMALL Knob

- Route Line, Map Orient, & Map Reference
- Symbol & ID Setup
- Track History (On, Save, Int)
- Track History (Strat, Clear, Used)
- Airspace Setup
- Airspace Buffers
- ATC Ring
- Airspace Types (B, C, MOA, Training, Unknown, Alert, Caution, Danger, Restricted, Prohibited, & Warning)
- SAR Setup*
- SAR Position*

* when enabled

Press the indicated key and then turn the LARGE knob to view the pages shown. Turn the SMALL knob for more info when available (diamond ♦ shown).

**SEL** Press SEL to edit information or to select options.

**ENTER** Press ENTER to enter and save information.

**D** Press DIRECT-TO to define a direct course from your present position to a selected waypoint.

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## Messages (MSG)

Press MSG

Turn LARGE Knob

- New
  - Turn SMALL Knob
    - New Msg 1
    - .
    - .
    - New Msg n
- Old
  - Turn SMALL Knob
    - Old Msg 1
    - .
    - .
    - Old Msg n

## Database (DB)

Press DB

Turn LARGE Knob

- Create WPT by Lat/Lon
- Create WPT by Radial/Dist
- Update User Wpt w/PPos
- Create User Wpt by Grid*
- Delete User WPT
- Modify User WPT
- Delete WPT Comment
- Access Database

* when enabled

## Flight Plan (FPL)

Press FPL

Turn LARGE Knob

- Active FPL
- FPL #1
- .
- .
- FPL #30
- Create New FPL

## Direct-To

1. Press DIRECT-TO*.
2. Turn the SMALL knob to select waypoint type. Then turn the LARGE knob to waypoint ident or name.
3. Use LARGE & SMALL knobs to select waypoint ident or name.
4. Press ENTER.

* Check the Direct-To options in System-Nav Info.

## System (SYS)

Press SYS. Turn LARGE Knob, then press ENTER.

### Nav Info

Turn LARGE Knob

- Autonav Time
- Lat/Lon Units
- Program Nav Pages
- Mag Var
- Flight Timer Trigger
- Direct-To
- CDI Scaling

### System Info

Turn LARGE Knob

- Date/Time
- Model, SW Ver, S/N
- Fuel Units
- Baro Units
- Test Display
- Display Brightness
- Owner Name

### GPS Sensor

Turn LARGE Knob

- Healthy & Visible Satellites
- Satellites Used for Fix
- Satellite Search Status
- GPS Date & Time
- GPS Normal Reset

### Misc Sensors

Turn LARGE Knob

- Encoding Altimeter
- Air Data Info
- Fuel Info

## Creating a Flight Plan

1. Press FPL. Turn LARGE knob to the “Create New Flight Plan” page and then press ENTER.
2. To enter a new plan name, press SEL.
3. Turn the SMALL knob to select characters. Turn the LARGE knob to move to the next character.
4. Press ENTER when the name is complete.
5. Turn the SMALL knob to start inserting waypoints into the flight plan. At the INS? prompt, press ENTER.
6. Turn the SMALL knob to select the first character. Turn the LARGE knob cw to move to the next character.
7. Use the SMALL and LARGE knobs to select the waypoint name and then press ENTER.
8. The INS? prompt will flash for the next waypoint. Press ENTER and repeat steps 5-7 until finished.
9. Press SEL to stop editing your flight plan.

## Activating a Flight Plan

1. Press FPL.
2. Turn the LARGE knob to the desired active flight plan and press SEL.
3. Turn the SMALL knob to select the desired option and press ENTER.

## Creating A New Waypoint

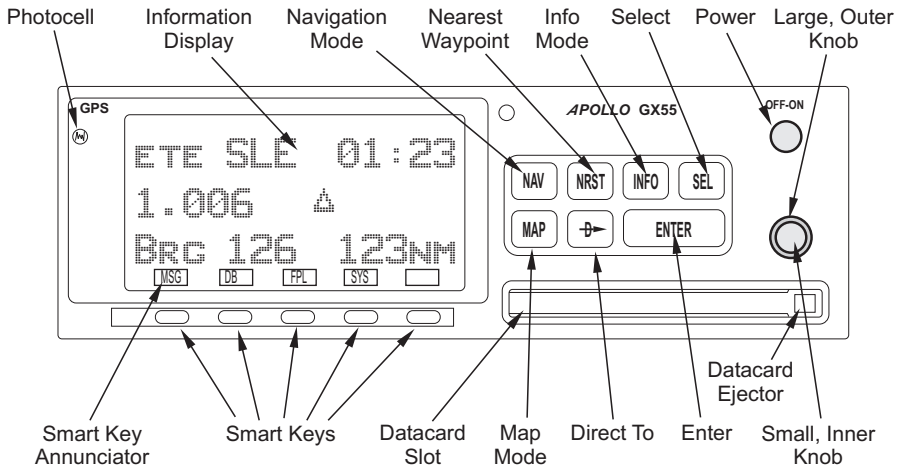
1. Press DB.
2. Turn LARGE knob to the Create User Wpt By Lat/Lon page and then press ENTER.
3. Use the SMALL knob to select characters and turn the LARGE knob to move the cursor to set the waypoint name.
4. Continue to select the necessary characters for the Lat/Lon and runway length.
5. Press ENTER when finished.

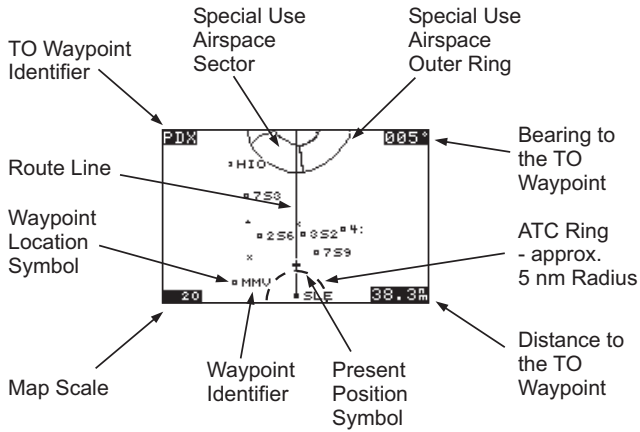
## Finding Info On A Waypoint

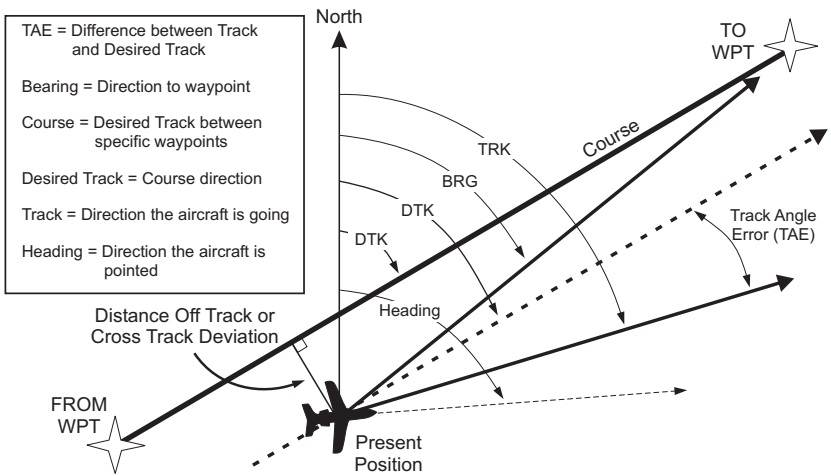
1. Press DB.
2. Turn the LARGE knob to the Access Database page and press ENTER.
3. Turn the SMALL knob to select waypoint type.
4. Turn the LARGE knob to the desired character and turn the SMALL knob to select characters.
5. Press INFO.
6. Turn the SMALL knob to view information.
7. Press INFO again or any mode key to exit.

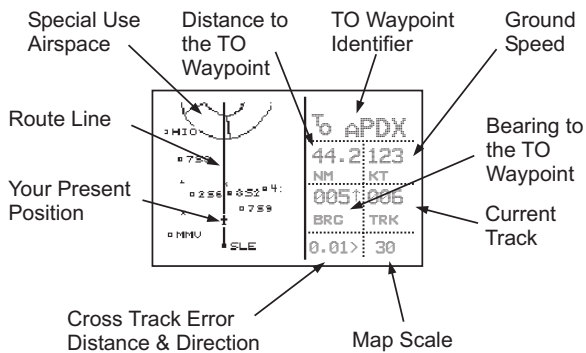
## Nearest Waypoint Search

1. Press NRST.
2. Turn the LARGE knob to change Wpt type.
3. Turn the SMALL knob to view nearby waypoints.
4. Press DIRECT-TO and then ENTER to fly direct to the selected waypoint.


Photocell
Information Display
Navigation Mode
Nearest Waypoint
Info Mode
Select
Power
Large, Outer Knob
GPS
APOLLO GX55
OFF-ON
ETE SLE 01:23
1.006
BRG 126 123NM
MSG
DB
FPL
SYS
NAV
NRST
INFO
SEL
MAP
ENTER
Smart Key Annunciator
Smart Keys
Datacard Slot
Map Mode
Direct To
Enter
Datacard Ejector
Small, Inner Knob


TO Waypoint Identifier
Special Use Airspace Sector
Special Use Airspace Outer Ring
Bearing to the TO Waypoint
Route Line
Waypoint Location Symbol
ATC Ring - approx. 5 nm Radius
Distance to the TO Waypoint
Map Scale
Waypoint Identifier
Present Position Symbol
PDX
HIO
MMU
SLE
20
38.3


TAE = Difference between Track and Desired Track
Bearing = Direction to waypoint
Course = Desired Track between specific waypoints
Desired Track = Course direction
Track = Direction the aircraft is going
Heading = Direction the aircraft is pointed
North
TO WPT
TRK
Course
BRG
DTK
DTK
Track Angle Error (TAE)
Heading
Distance Off Track or Cross Track Deviation
FROM WPT
Present Position


Special Use Airspace
Distance to the TO Waypoint
TO Waypoint Identifier
Ground Speed
Route Line
Bearing to the TO Waypoint
Your Present Position
Current Track
Cross Track Error Distance & Direction
Map Scale
To PDX
44.2 NM
123 KT
005 BRG
006 TRK
0.01
30